



FAA-E-2204c
September 26, 1975
AMENDMENT-1
February 1, 1979

DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION SPECIFICATION

DIESEL ENGINE GENERATOR SETS, 5KW TO 300KW

This amendment shall be made part of FAA-E-2204c dated September 26, 1975.

Page 11, Paragraph 3.3.4.4: Delete the second sentence and insert the following:

"In an ambient temperature of 20°F with the set connected for either 208V or 240V operation, the heater shall have sufficient capacity to raise the engine jacket water average temperature to 100°F within 2 hours and, after the temperature has stabilized, to maintain the average temperature between 100 and 105°F.

Page 12, Paragraph 3.3.4.4: Delete the first sentence and insert the following:

"The thermostat shall maintain the average engine jacket temperature between 100 and 105°F using a differential between set points not to exceed 5°F.

CLASSIFICATION TABLE

*KW	0.8 PF KVA	Min. Number of cylinders	Net Hp delivered to the generator at sync. speed	Max. speed RPM	Starter Battery Voltage	BATTERY Minimum Watt Hours 8 hour rate	Transfer Switch Min. rated amperes
5	6.25	4	7.5	1800	32	2020	30
7.5	9.4	4	12	1800	32	2660	60
10	12.5	4	15	1800	32	3200	60
15	18.75	4	24	1800	32	4100	1Ø-100 3Ø-60
20	25	4	30	1800	32	4800	1Ø-125 3Ø-100
30	37.5	4	45	1800	32	6000	1Ø-200 3Ø-125
50	62.5	4	75	1800	32	7700	1Ø-300 3Ø-200
60	75	4	90	1800	32	8500	1Ø-400 3Ø-250
75	93.5	4	112	1800	32	9000	3Ø-300
100	125	6	150	1200	32	10000	3Ø-400
125	156	6	187	1200	32	11000	3Ø-500
150	187	6	225	1200	32	12000	3Ø-600
175	219	6	260	1200	32	13000	3Ø-700
200	250	6	300	1200	32	13750	3Ø-800
250	312	6	375	1200	32	14750	3Ø-1000
300	375	6	450	1200	32	15500	3Ø-1200

* parasitic loads due to engine generator auxiliary electrical equipment, such as fan motors, and pumps, etc., are to be excluded from the performance rating.

